

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) An apparatus suitable for cooling charge air and exhaust gas in particular in a motor vehicle with an internal combustion engine, comprising:  
a first heat exchanger adapted to cool a recirculated exhaust-gas stream;  
a second heat exchanger adapted to cool the exhaust-gas stream, said second heat exchanger located downstream from the first heat exchanger; and  
a third heat exchanger adapted to cool a charge-air stream,  
wherein the apparatus is adapted to combine the exhaust-gas stream and charge-air stream after the exhaust-gas stream has been cooled by the first heat exchanger and the second heat exchanger and after the charge-air stream has been cooled by the third heat exchanger, and  
wherein the first heat exchanger and the second heat exchanger are separate heat exchangers and are formed as a structural unit having a recirculated exhaust-gas stream and a charge-air stream, characterized in that the exhaust-gas stream is cooled by means of a first and a second heat exchanger, the charge-air stream is cooled by means of a third heat exchanger, before the exhaust-gas stream and charge-air stream which have been cooled in this manner are combined.

2. (Currently amended) An apparatus suitable for cooling charge air and exhaust gas in particular in a motor vehicle with an internal combustion engine, comprising:  
a first heat exchanger adapted to cool a recirculated exhaust-gas stream;  
a second heat exchanger adapted to cool the exhaust-gas stream; and  
a third heat exchanger adapted to cool a charge-air stream,  
wherein the apparatus is adapted to combine the exhaust-gas stream and charge-air stream after the exhaust-gas stream has been cooled by the first heat exchanger and the second heat exchanger and after the charge-air stream has been cooled by the third heat exchanger, and

wherein at least two of the first and/or the second and/or the third heat exchanger are formed as a structural unit having a recirculated exhaust-gas stream and a charge-air stream, characterized in that the exhaust-gas stream is cooled by means of a first heat exchanger, the cooled exhaust-gas stream is combined with the charge-air stream, and the mixed exhaust-gas/charge-air stream is then cooled by means of a second heat exchanger.

3. (Currently amended) An apparatus suitable for cooling charge air and exhaust gas in particular in a motor vehicle with an internal combustion engine, comprising:

a first heat exchanger adapted to cool a recirculated exhaust-gas stream; and  
a second heat exchanger adapted to cool a mixed exhaust-gas/charge-air stream that is formed by combining the exhaust-gas stream cooled by the first heat exchanger with a charge-air stream,

wherein the first heat exchanger and the second heat exchanger are separate heat exchangers and are formed as a structural unit having a recirculated exhaust-gas stream and a charge-air stream, characterized in that the exhaust-gas stream is combined with the charge-air stream and the mixed exhaust-gas/charge-air stream is then cooled by means of a heat exchanger.

4. (Currently Amended) The apparatus as claimed in claim 1, further comprising a valve adapted to control the recirculated exhaust-gas stream characterized in that the recirculated exhaust-gas stream can be controlled by means of a valve.

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (New) An apparatus suitable for cooling charge air and exhaust gas in a motor vehicle with an internal combustion engine, comprising:

a first heat exchanger adapted to cool a recirculated exhaust-gas stream; and

a second heat exchanger adapted to cool a mixed exhaust-gas/charge-air stream that is formed by combining the exhaust-gas stream cooled by the first heat exchanger with a charge-air stream,

wherein the exhaust gas is recirculated upstream of a turbine.

9. (New) The apparatus as claimed in claim 1, further comprising fluid passages that separately route and cool the exhaust gas and the charge air.

10. (New) The apparatus as claimed in claim 3, wherein the first heat exchanger and/or the second heat exchanger is fixed to the engine.

11. (New) The apparatus as claimed in claim 3, wherein the first heat exchanger and/or the second heat exchanger is integrated in a cooling module.

12. (New) The apparatus as claimed in claim 1, further comprising a mixing chamber that is adapted to combine the exhaust-gas stream and charge-air stream after the exhaust-gas stream has been cooled by the first heat exchanger and the second heat exchanger and after the charge-air stream has been cooled by the third heat exchanger,

wherein the mixing chamber comprises a portion of a heat exchanger and is adapted to be cooled.

13. (New) The apparatus as claimed in claim 2, further comprising a mixing chamber that is adapted to combine the exhaust-gas stream and charge-air stream after the exhaust-gas stream has been cooled by the first heat exchanger and the second heat exchanger and after the charge-air stream has been cooled by the third heat exchanger,

wherein the mixing chamber comprises a portion of a heat exchanger and is adapted to be cooled.

14. (New) The apparatus as claimed in claim 3, further comprising a mixing chamber that is adapted to form the mixed exhaust-gas/charge-air stream by combining the exhaust-gas stream cooled by the first heat exchanger with the charge-air stream,

wherein the mixing chamber comprises a portion of a heat exchanger and is adapted to be cooled.

15. (New) The apparatus as claimed in claim 8, further comprising a mixing chamber that is adapted to form the mixed exhaust-gas/charge-air stream by combining the exhaust-gas stream cooled by the first heat exchanger with the charge-air stream,

wherein the mixing chamber comprises a portion of a heat exchanger and is adapted to be cooled.

16. (New) The apparatus as claimed in claim 1, further comprising a mixing chamber that is adapted to combine the exhaust-gas stream and charge-air stream after the exhaust-gas stream has been cooled by the first heat exchanger and the second heat exchanger and after the charge-air stream has been cooled by the third heat exchanger, wherein the mixing chamber is part of a heat exchange module.

17. (New) The apparatus as claimed in claim 1, further comprising a mixing chamber that is adapted to combine the exhaust-gas stream and charge-air stream after the exhaust-gas stream has been cooled by the first heat exchanger and the second heat exchanger and after the charge-air stream has been cooled by the third heat exchanger, wherein the mixing chamber is part of a heat exchanger.

18. (New) The apparatus as claimed in claim 17, wherein the exhaust-gas stream and the charge-air stream are mixed at an inlet of the heat exchanger.

19. (New) The apparatus as claimed in claim 17, wherein the exhaust-gas stream and the charge-air stream are mixed at an exit end of the heat exchanger.